

FIG.1

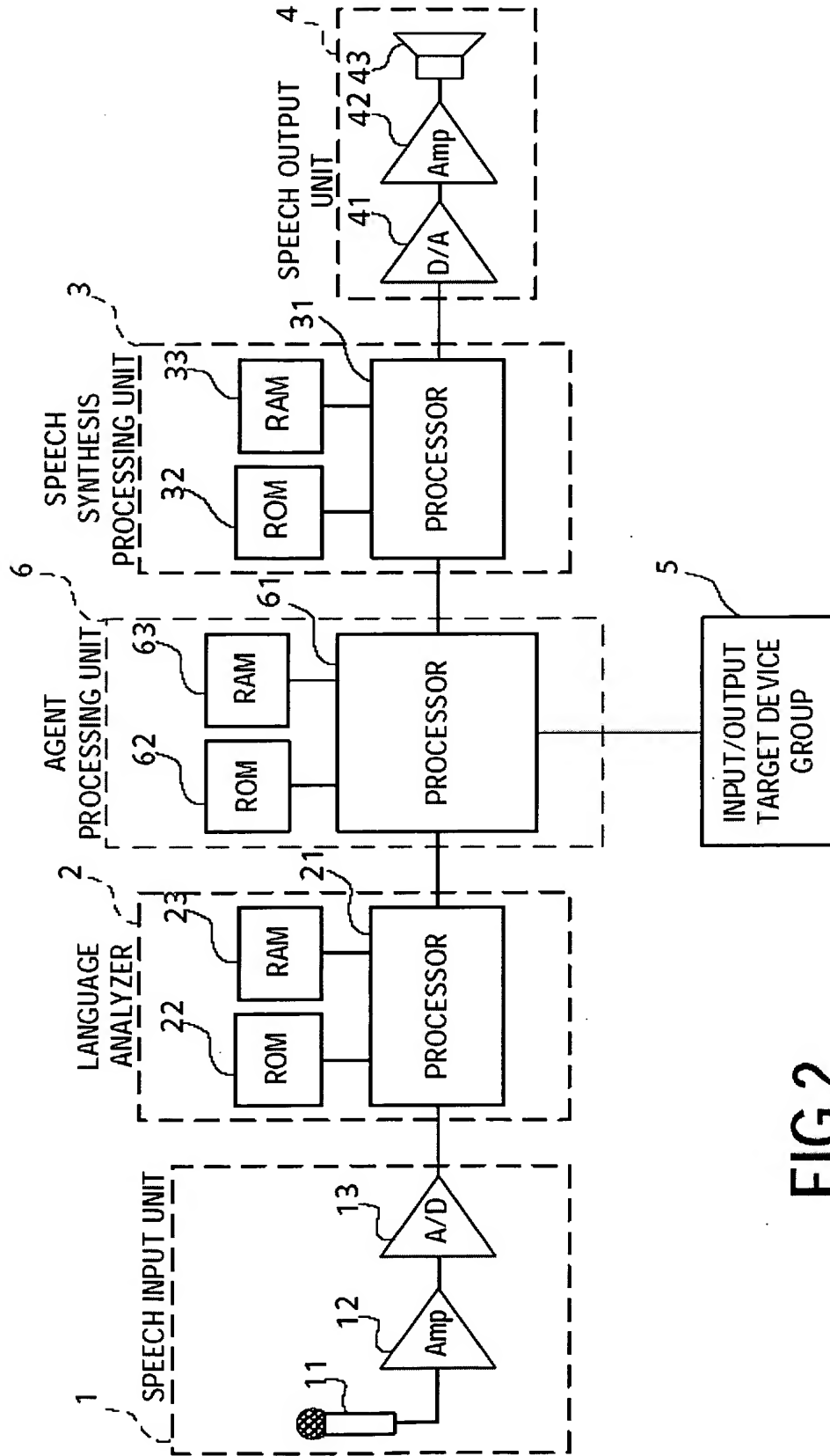
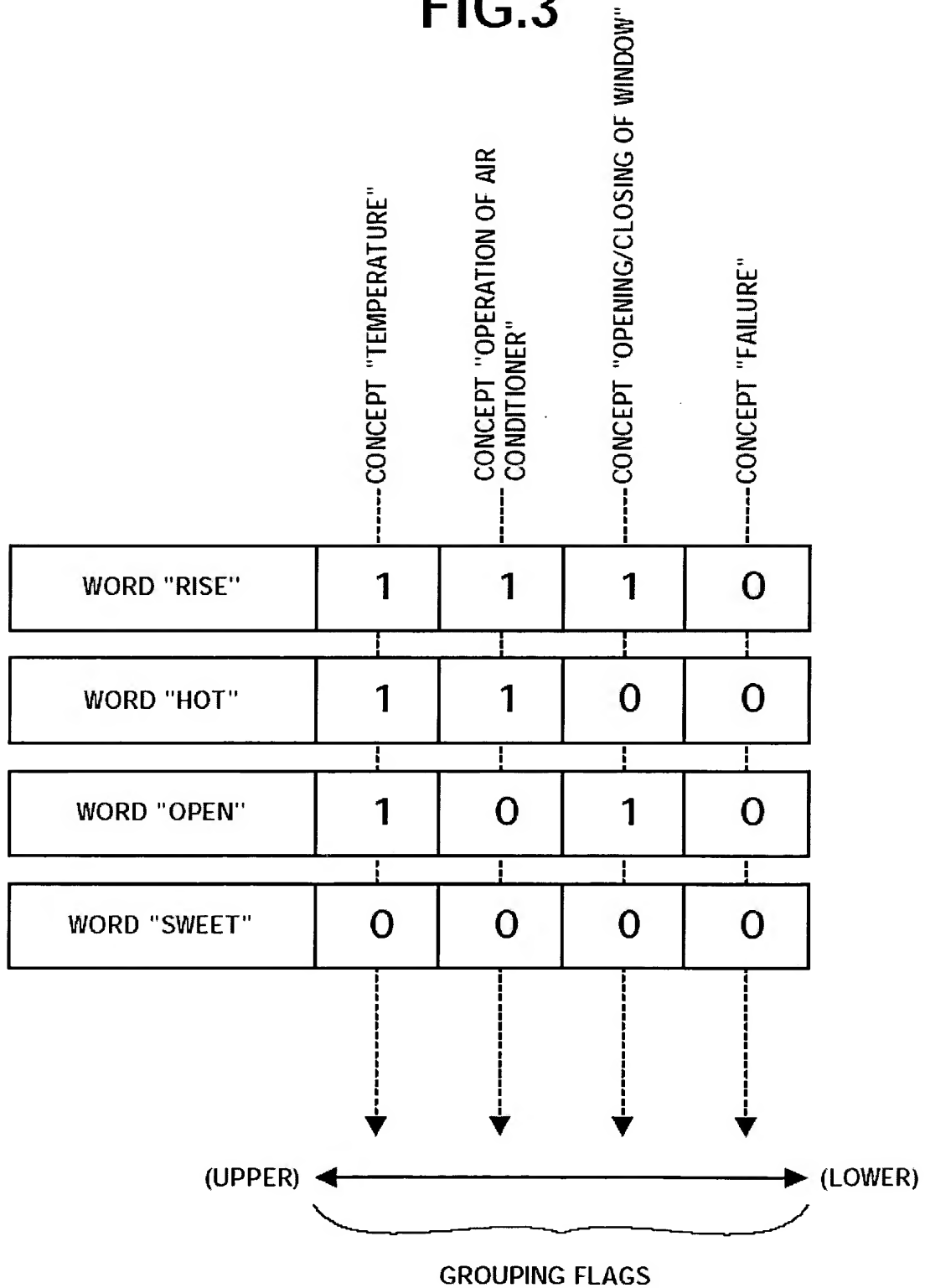


FIG.2

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TRIGGER ACQUISITION PROCESS SYMBOL : TG	TRANSITION CONSTANT k
TG01 : HOT	0.8
TG02 : OPEN	0.7
TG03 : CONCEPT "TEMPERATURE"	0.5
TG04 : CONCEPT "OPERATION OF AIR CONDITIONER"	0.5
⋮	⋮

FIG.4A

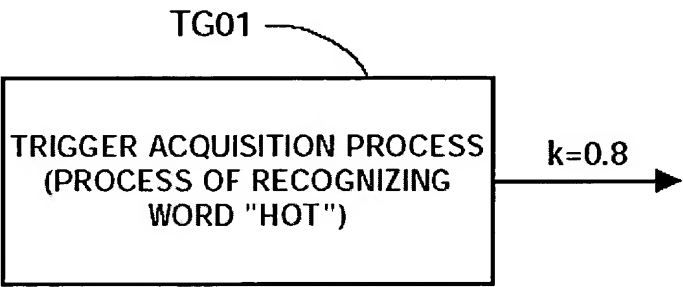


FIG.4B

DETERMINATION PROCESS SYMBOL : CN <sub>xx</sub>	TRANSITION CONSTANT k
CN01 : WINDOW OPEN?	Yes : 0.3 No : 0.4
CN02 : IS STATUS ON?	Yes : 0.5 No : 0.3
CN03 : IS ROOM TEMPERATURE 20°C OR HIGHER?	Yes : 0.8 No : 0.5
⋮	⋮

FIG.5A

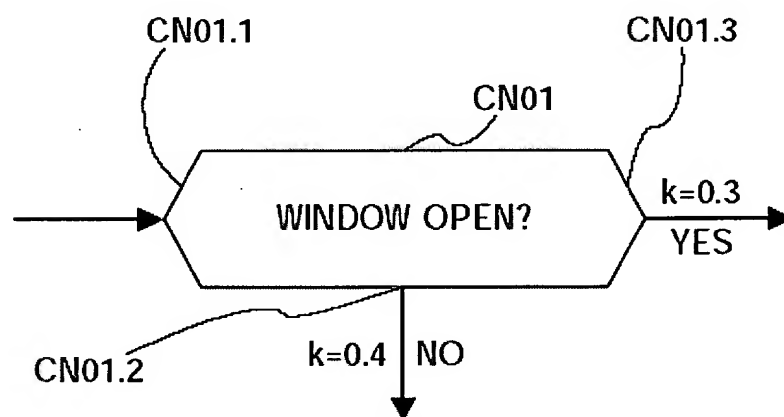


FIG.5B

DETERMINATION PROCESS (INQUIRY MADE) SYMBOL : QBxx	TRANSITION CONSTANT k
QB01 : OPEN WINDOW? OR ACTIVATE AIR CONDITIONER?	WINDOW :0.4 AIR CONDITIONER :0.7
QB02 : CLOSE WINDOW?	Yes 0.5      No 0.3
QB03 : RAISE TEMPERATURE?	Yes 0.8      No 0.5
⋮	⋮

FIG.6A

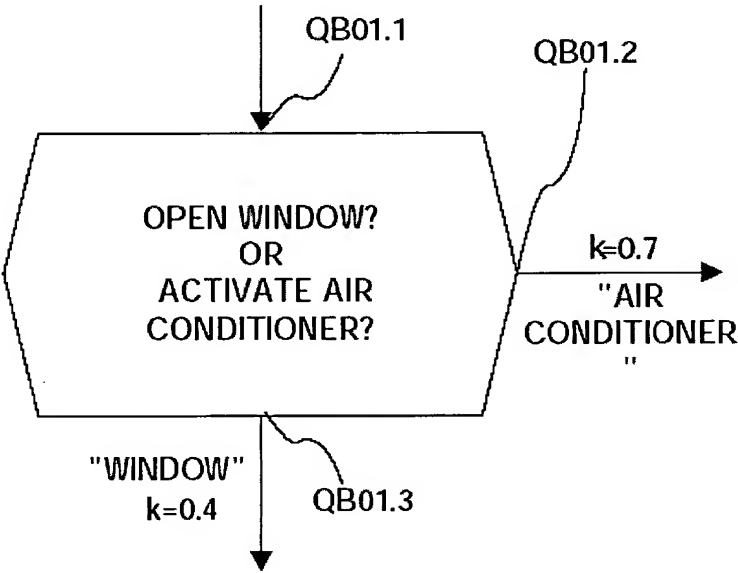


FIG.6B

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OUTPUT PROCESS SYMBOL : EXxx	TRANSITION CONSTANT k
EX01 : CLOSE WINDOW +OPERATE AIR CONDITIONER	0.8
EX02 : ACTIVATE AIR CONDITIONER	0.8
EX03 : OPEN WINDOW	0.8
⋮	⋮

FIG.7A

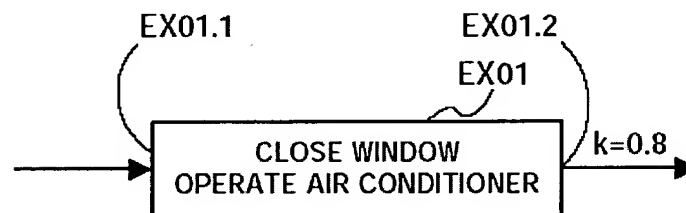


FIG.7B

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WIRE NUMBER W <sub>n</sub>	PRECEDING NODE	FOLLOWING NODE	WEIGHTING FACTOR J
W1 = From	(TG01.1)	To (CN01.1),	1.0
W2 = From	(CN01.3)	To (EX01.1),	0.5
W3 = From	(CN01.2)	To (QB01.1),	0.5
W4 = From	(TG02.2)	To (EX03.1),	1.0
W5 = From	(QB01.3)	To (EX03.1),	0.5
W6 = From	(QB01.2)	To (EX02.1),	0.5
W7 = From	(EX02.2)	To (TG03.3),	0.5
⋮			

FIG.8



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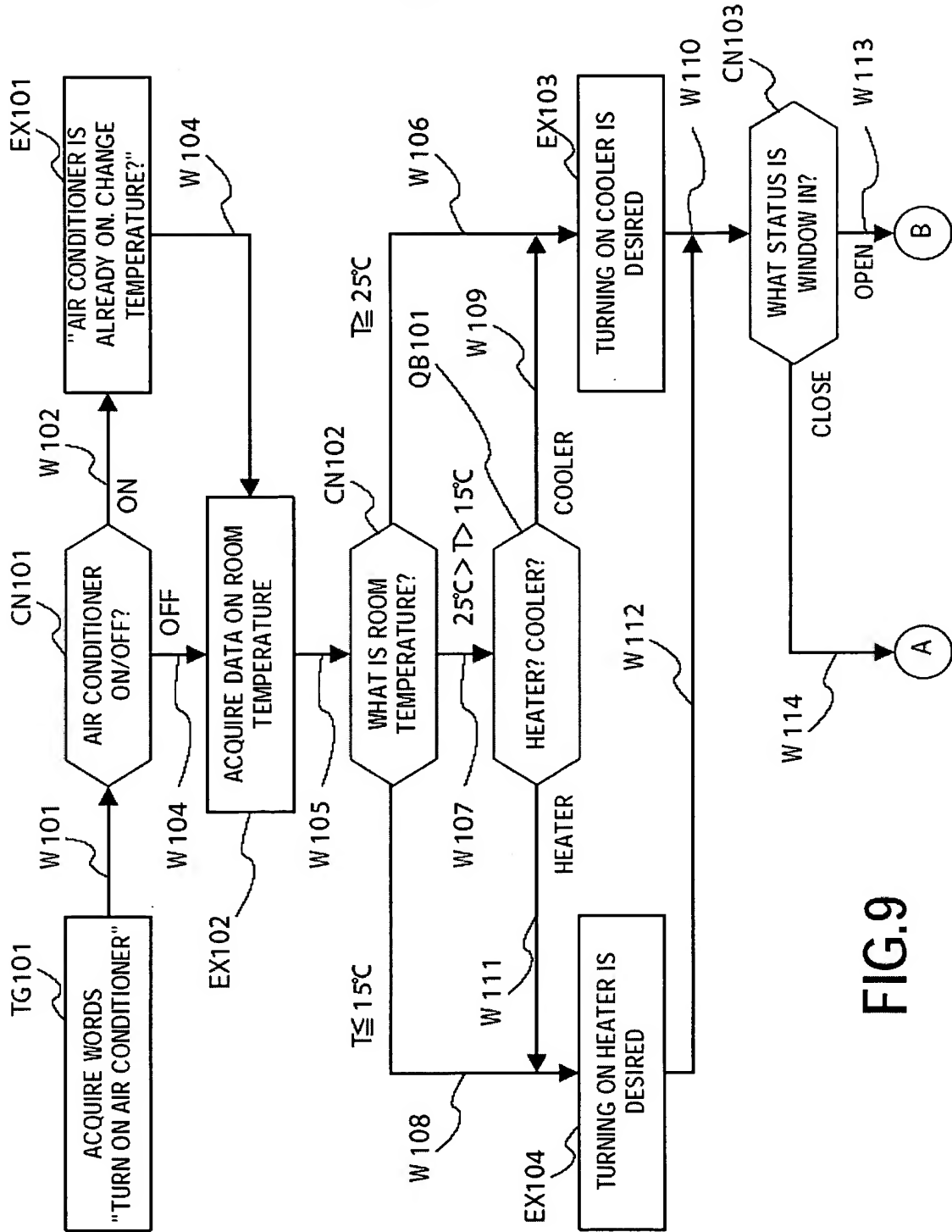


FIG.9

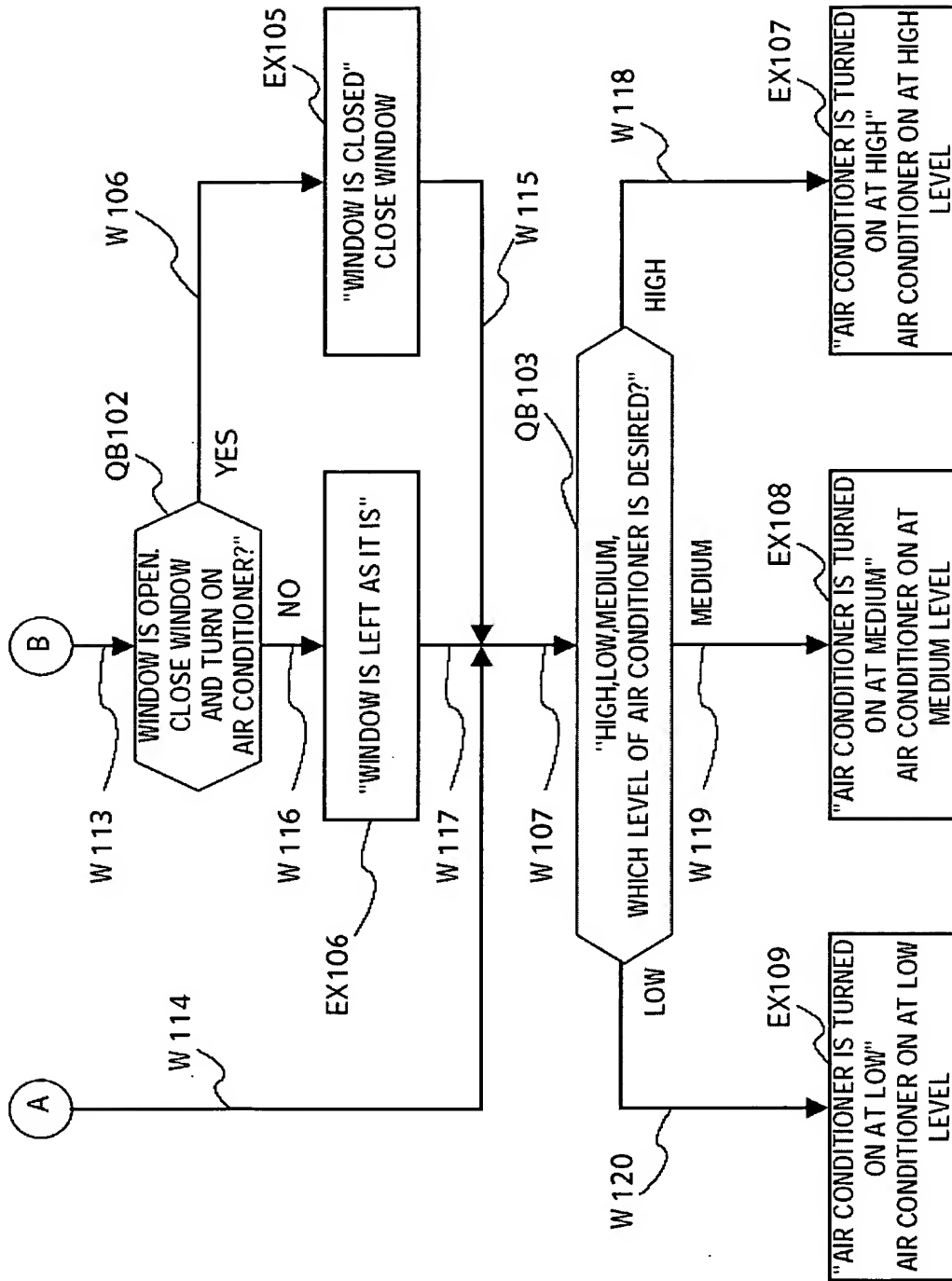


FIG.10

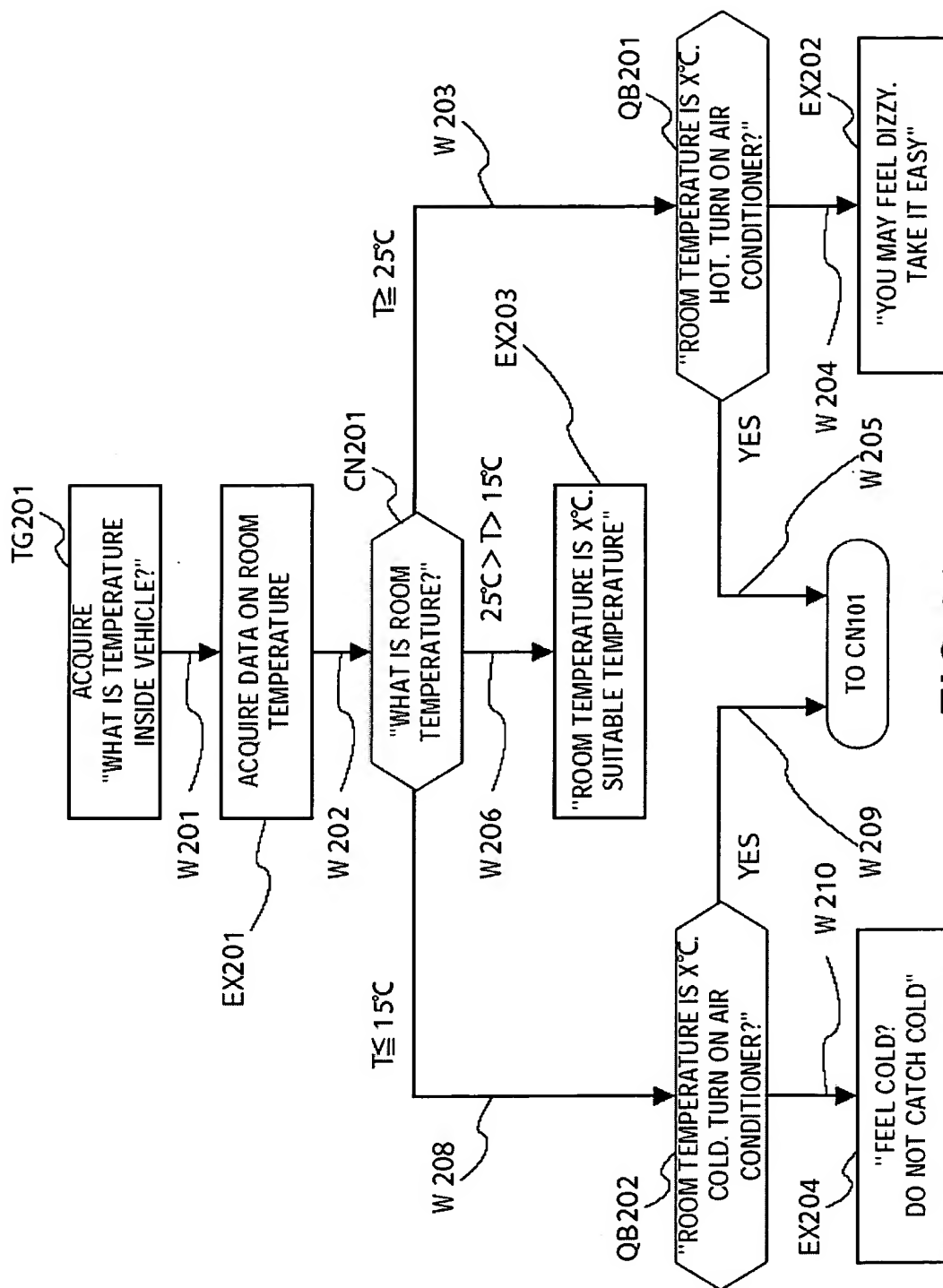


FIG.11

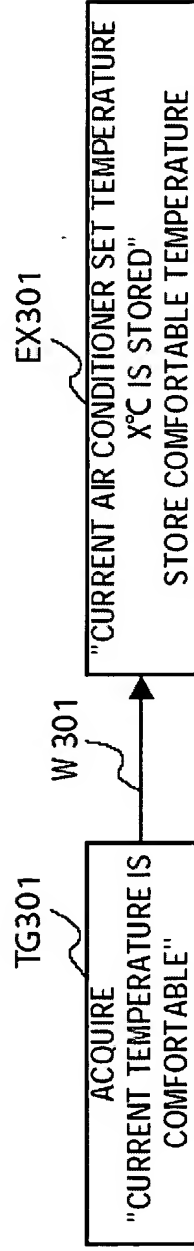


FIG.12A

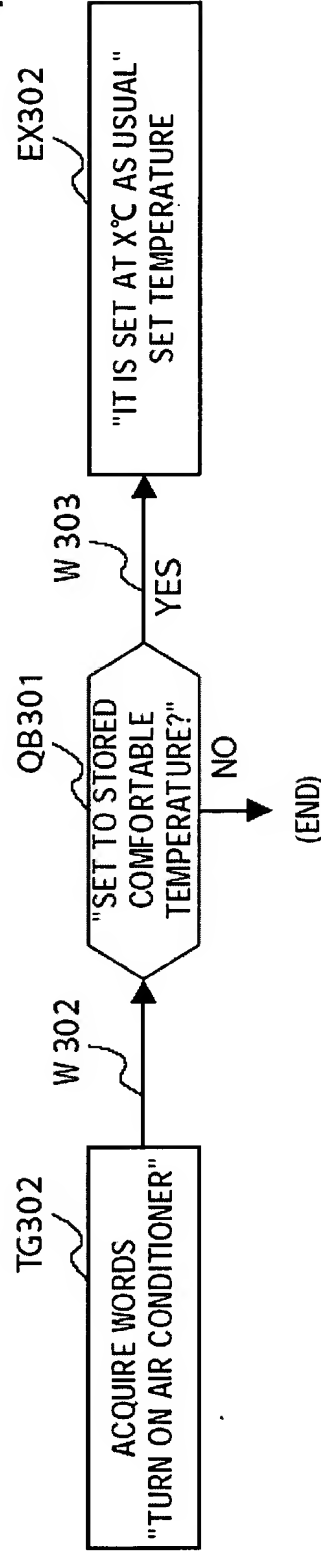


FIG.12B

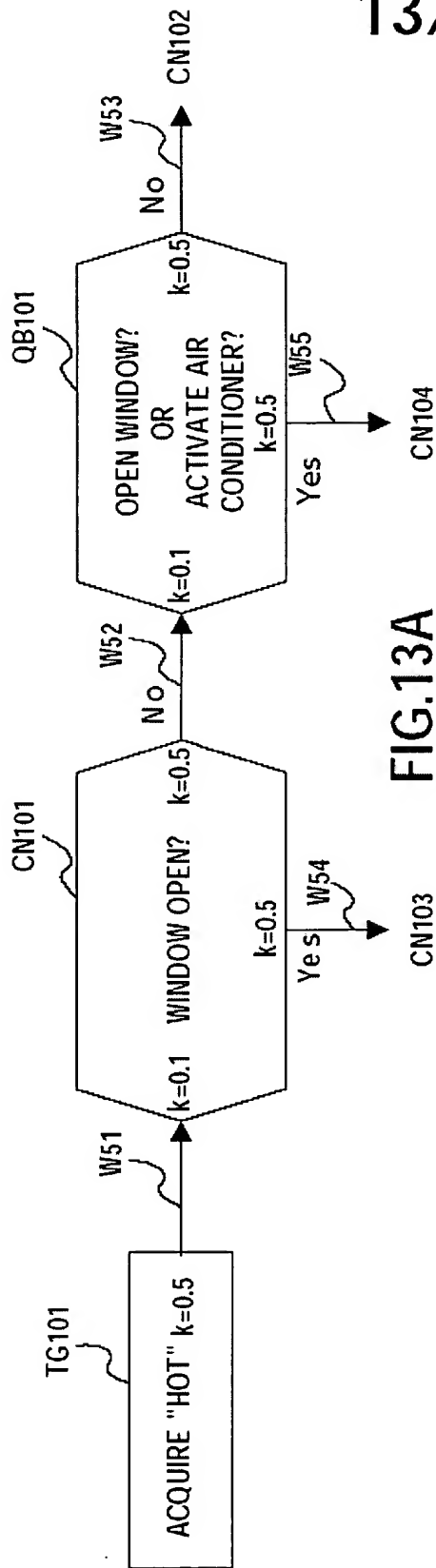
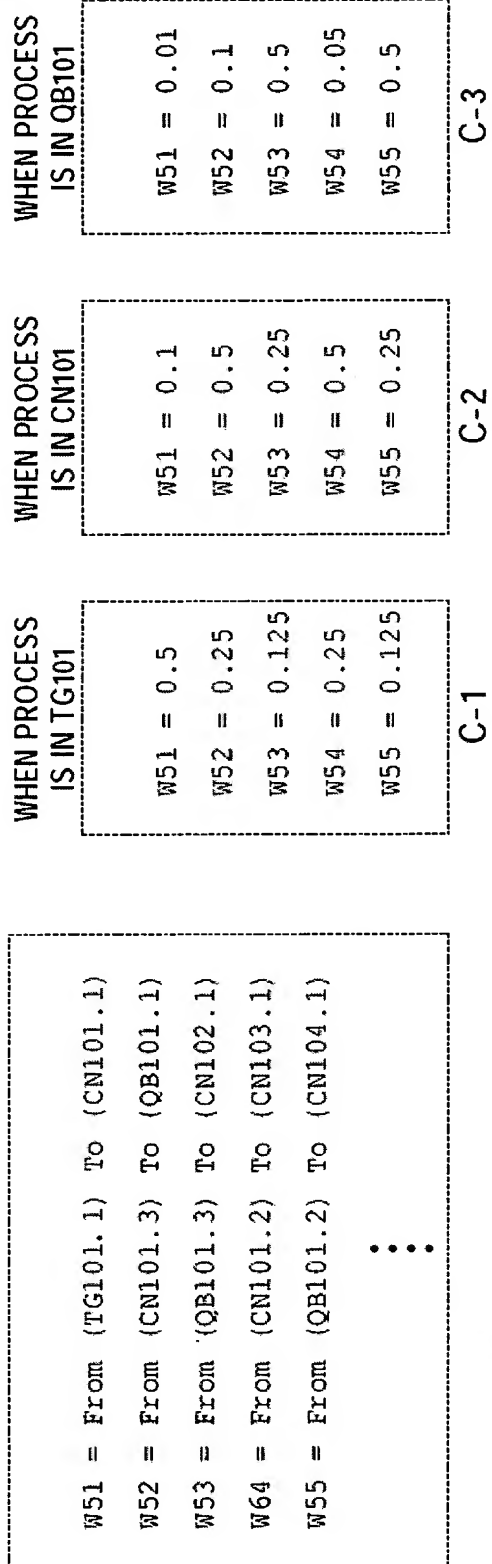


FIG.13A



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FIG.14

